

Product Information (PI) Sheet

Product: DesignRclassic Furniture Lacquer Clear

Code(s):	C131611 Flat	C131612 Dull	C131614 Satin	C131616 Soft Sheen
	C131618 Gloss			

Description: DesignRclassic Lacquer Clear is a GREENGUARD certified fine furniture quality nitrocellulose lacquer that has excellent build, is fast drying, and HAPs Compliant. DesignRclassic Lacquer Clear was specifically developed for the furniture industry and provides excellent scratch and mar resistance, a nice smooth-touch feel, optimal flow, clarity and outstanding depth of color.

Uses: Designed for finishing furniture, interior paneling, trim or other wood finishing uses where fast dry, high build and final smooth appearance are important.

Other Products: C131619 DesignRclassic Lacquer Sealer. For stain requirements, see M.L. Campbell WoodSong II Wiping Stain or WS2NB4 WoodSong II NGR Spray Stain Base.

Physical Properties (packaged)	
Weight per Gallon:	7.4 – 7.8 lbs.
Viscosity - Ford #4 at 77°F/25°C:	12-17 sec
% Solids - by Weight:	27 ± 2%
% Solids - by Volume:	19 ± 2%
Theoretical Coverage at 1 Mil Dry: (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)	311 sq. ft. per gallon
Flash Point (PMCC):	14 F
Color:	1-3 GH
Sheen (60° Glossmeter):	Flat 8 ± 2, Dull 18 ± 2, Satin 28 ± 2, Soft Sheen 48± 2, Gloss 80± 2
Packaged VOC:	625 g/l or 5.21 lbs/gal
Photochemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease or other contamination and sand as required.
Old Work:	Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

Reduction	
No reduction is required; however, small amounts of lacquer thinner may be used if required for specific equipment. If blushing occurs use up to 5% M.L. Campbell C1621 Care Reducer or 1-3% C16336 BC Retarder.	

Mixing

Shake or stir well before and during use.

Application Procedure

A good finishing system can be developed by applying 1 coat of DesignRclassic Lacquer Sealer at 3-5 wet mils. Sand with 220 to 320 grit sandpaper. Then, apply 1-2 coats of DesignRclassic Lacquer Clear. Sand between coats with 320 grit sandpaper.

Refer to spray equipment suppliers, recommendations for fine lacquer atomizing spray guns, air caps, and fluid needles.

Note: Hot spray application is not recommended. If hot spray equipment is used, temperature settings should never be over 110°F or 43° C.

Equipment Clean Up

- Use lacquer thinner or VC16936 Fast Reducer VOC Exempt to clean up all equipment.
- Dispose of dirty solvent and cleaning rags in a safe and approved manner.
- Solvent or lacquer-soaked rags should be stored in water-filled, closed containers prior to disposal.

Drying Times (at 77° F or 25° C)

Dry to Touch:	10-20 mins
Sanding Dry:	15-30 mins
Stacking Dry:	4 hours

Packaging/Shipping

Available Units: Gallons, Pails and Drums.

Shelf Life and Storage

- Package life is (3) three years - Store in a cool dry area in the original sealed containers.
- Do not store around any source of flames or sparks.
- Spills should be cleaned up with non-sparking tools and inert absorbent material.

DOT Classification

Flammable Liquid	Red Label	UN 1263
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B/L Description

Paint	UN 1263	3	PG II
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Caution

- **THESE PRODUCTS ARE DESIGNED FOR SHOP APPLICATION AND PROFESSIONAL USE ONLY.**
- Use only after all safety information is understood.
- Refer to the Material Safety Data Sheet (MSDS) for additional information.

Testing

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, customers should test the complete system for adhesion and compatibility under their conditions prior to full-scale application.

Notes

The information, rating, and options stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application that are not known or under our control, M.L. Campbell cannot make any warranties as to the end result. *Thank you for using M.L. Campbell Wood Finishing products.*